

TCEQ developed a revised state ethylene oxide effects screening level (ESL) which it released in May 2020. EPA currently estimates the concentration of ethylene oxide associated with a 1-in-a-million cancer risk, for a lifetime of continuous exposure, is 0.0002 ug/m<sup>3</sup>, and the concentration of ethylene oxide associated with a 100-in-a-million cancer risk, for a lifetime of continuous exposure, is 0.02 ug/m<sup>3</sup>. TCEQ has finalized an ESL value of 2.4 ppb or 0.43 ug/m<sup>3</sup>. TCEQ will require companies seeking new source review (NSR) construction permits with ethylene oxide emissions to screen against their ESL value as a part of the air permitting process.

LDEQ has sent letters to 30 permitted emitters of EtO requesting that they review their emissions data and explore proactive measures to reduce EtO emissions. In addition, LDEQ met with facilities in November 2018 showing the highest risk according to the recent NATA to discuss controls specific to their industrial processes to reduce the amount of EtO emissions.